

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/600,149
Filing Date	June 19, 2003
First Named Inventor	Richard W. Wensel
Group Art Unit	2814
Examiner Name	N. Ha

Attorney Docket Number 2269-3061.8US (96-0893.07/US)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>MW</i>		US-4,305,897	12/1981	Hazama et al.	
		US-4,554,126	11/1985	Sera	
		US-4,779,835	10/1988	Fukushima et al.	
		US-4,818,204	04/1989	Nakagawa et al.	
		US-4,900,485	02/1990	Murakami	
		US-4,908,178	03/1990	Nakagawa et al.	
		US-4,910,582	03/1990	Miyamoto et al.	
		US-5,071,334	12/1991	Obara	
		US-5,074,778	12/1991	Tsutsumi et al.	
		US-5,173,841	12/1992	Uenaka et al.	
		US-5,293,072	03/1994	Tsuji et al.	
		US-5,416,358	05/1995	Ochi et al.	
		US-5,471,369	11/1995	Honda et al.	
		US-5,520,863	05/1996	Ochi et al.	
		US-5,626,887	05/1997	Chou et al.	
		US-5,698,152	12/1997	Taruno et al.	
		US-5,715,594	02/1998	Patterson et al.	
		US-5,766,982	06/1998	Akram et al.	
		US-5,841,192	11/1998	Exposito	
		US-5,877,545	03/1999	Prince et al.	

*RECEIVED**APR 14 2005**OFFICE OF PETITIONS*

FOREIGN PATENT DOCUMENTS					Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document				
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)						
<i>MW</i>		JP 55091838 A	09/1980	Seiko Epson		X		
		EP 0 254 444 A1	01/1988	Hitachi				
		JP 6-151492	05/1994	Sony		X		
		JP 7-171786	07/1995	Ibiden		X		
		JP 09162210 A	06/1997	Denso		X		
		JP 11097470 A	04/1999	Rohm		X		

Examiner Signature	<i>Nathan W. Ha</i>	Date Considered	<i>6/27/05</i>
--------------------	---------------------	-----------------	----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2 of 2

Complete if Known

Application Number	10/600,149
Filing Date	June 19, 2003
First Named Inventor	Richard W. Wensel
Group Art Unit	2814
Examiner Name	N. Ha

Attorney Docket Number 2269-3061.8US (96-0893.07/US)

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>HW</i>		US- 5,891,759	04/1999	Otsuki	
		US- 5,914,531	06/1999	Tsunoda et al.	
		US- 5,981,312	11/1999	Farquhar et al.	
		US- 5,998,243	12/1999	Odashima et al.	
		US- 6,081,997	07/2000	Chia et al.	
		US- 6,159,770	12/2000	Tetaka et al.	
		US- 6,187,612	02/2001	Orcutt	
		US- 6,309,916	10/2001	Crowley et al.	
		US- 6,323,064	11/2001	Lee et al.	
		US- 6,365,976	04/2002	Carter	
		US- 6,410,355	06/2002	Wallace	
		US- 6,439,869	08/2002	Seng et al.	
		US- 6,444,501	09/2002	Bolken	
		US- 2002/0131251	09/2002	Corisis et al.	
		US- 6,483,038	11/2002	Lee et al.	
		US- 6,573,121	06/2003	Yoneda et al.	
		US- 6,614,100	09/2003	Hauser et al.	
		US- 6,624,005	09/2003	DiCaprio et al.	
		US- 6,764,882	07/2004	Bolken	
<i>MK</i>		US- 6,865,431	03/2005	Hirota et al.	

RECEIVED

APR 14 2005

OFFICE OF PETITIONS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
				<i>HW</i>		

Examiner  
Signature*Richard W. Wensel*Date  
Considered

6/05/05

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450